

NASA Milestones

Calendar Years 2016 – 2021

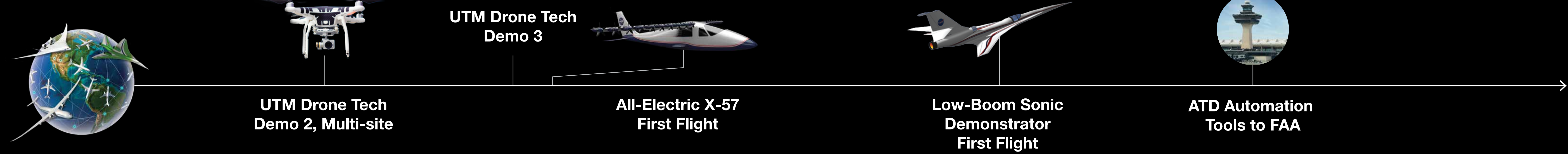
As of December 2016. For updated and additional information, visit www.nasa.gov

National Aeronautics and
Space Administration

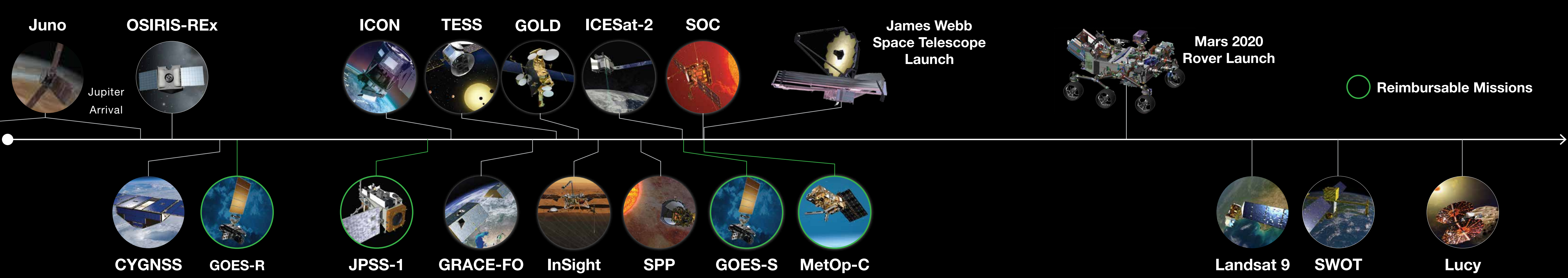


2016 2017 2018 2019 2020 2021
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Aeronautics



Science Mission Launches



CubeSat Launch Initiative (CSLI) Ongoing through 2021 and Beyond

Science Instrument Deliveries to ISS Through 2021*

Cold Atom Lab (CAL)	Educational Launch of Nanosatellites (ELaNa)	Life Sciences Glovebox	Orbiting Carbon Observatory (OCO-3)
Cosmic Ray Energetics and Mass (CREAM)	GeneLab Phase 2 and 3	Multiple User System for Earth Sensing Facility (MUSES)	Stratospheric Aerosol and Gas Experiment (SAGE-III)
ECOSystem Spaceborne Thermal Radiometer Experiment on Space Station (ECOTRESS)	Global Ecosystem Dynamics Investigation (GEDI)	Neutron Star Interior Composition Explorer (NICER)	Total and Spectral Solar Irradiance Sensor (TSIS-1)

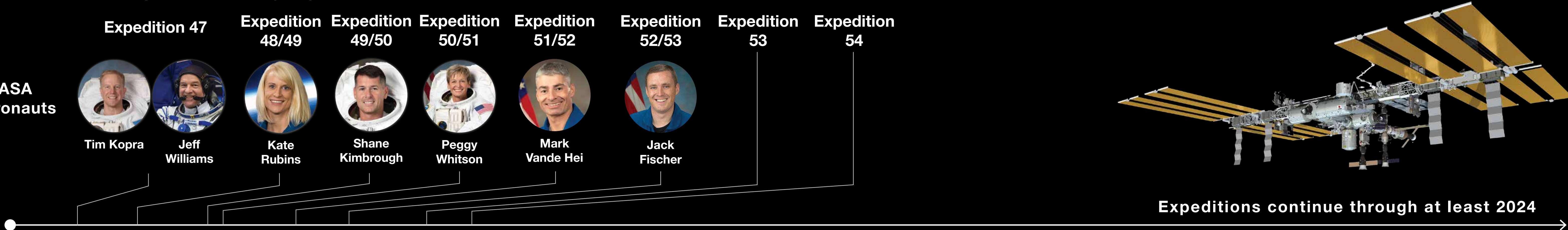
Capability Upgrades and Technology Demonstrations Aboard ISS*

Bigelow Expandable Activity Module (BEAM)	Exploration Medical Devices	Roll-Out Solar Array (ROSA)	Universal Waste Management System (UWMS)
Exploration ECLSS Systems	International Docking Adapter (IDA)	Spacecraft Fire Experiment (SAFFIRE)	Zero Boil Off Tank (ZBOT)
Exploration Exercise Devices	Refabricator	Station Explorer for X-ray Timing and Navigation Technology (SEXTANT)	

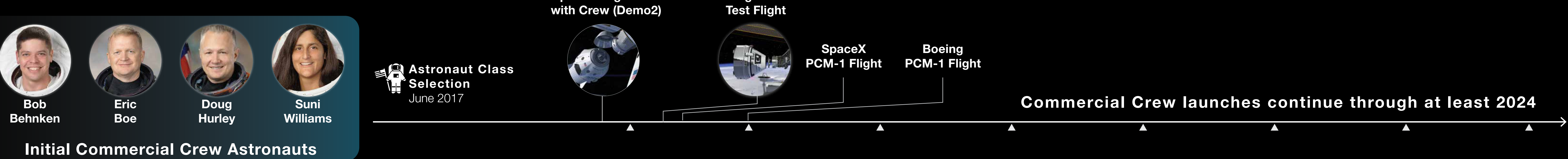
* programs listed here include items funded by AES, SLPSRA, HRP, STMD, and SMD

Commercial Cargo Resupply Missions to ISS Ongoing Through at Least 2024

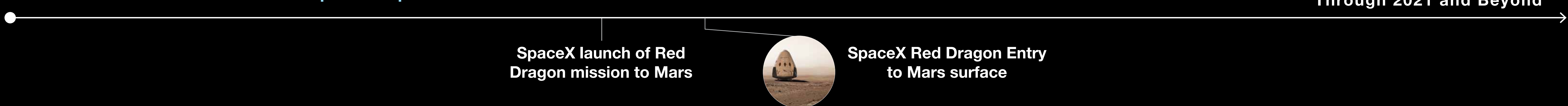
International Space Station (ISS)



Commercial Crew Program (CCP)



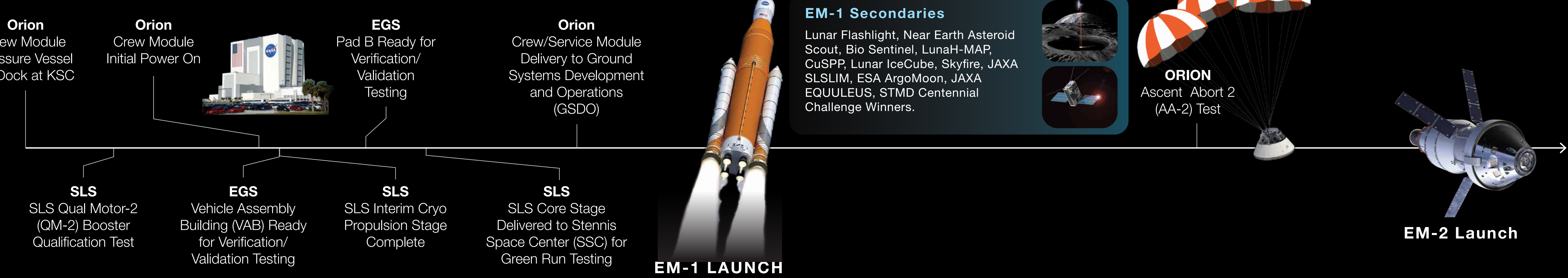
Collaborations for Commercial Space Capabilities



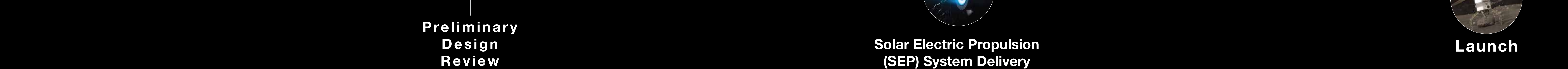
Advanced Exploration Systems (AES) for Habitation and Propulsion



Orion, Space Launch System (SLS), and Exploration Ground Systems (EGS)



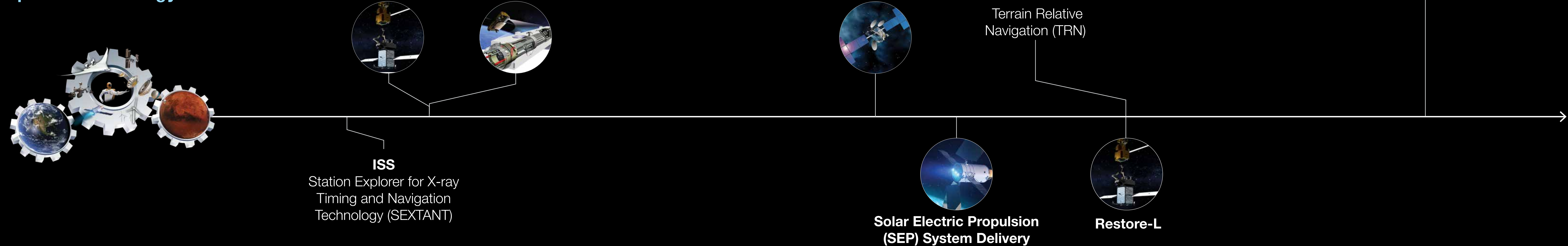
Asteroid Redirect Robotic Mission (ARRM)



Space Communications and Navigation (SCaN)



Space Technology Missions



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